

Message Text

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ACTION OES-04

INFO OCT-01 EA-07 ISO-00 IO-10 FEA-01 ACDA-05 CIAE-00

INR-07 L-03 NSAE-00 NSC-05 EB-07 NRC-05 DODE-00 /055 W

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FM AMEMBASSY TOKYO

TO USERDA GERMANTOWN PRIORITY

INFO SECSTATE WASHDC 3052

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ERDA FOR G F HELFRICH, IPI

E.O. 11652: N/A

TAGS: TECH, JA

SUBJ: PNC TOKAI SPENT FUEL REPROCESSING PLANT

1. ON SEPT 4 TOKAIMURA SPENT FUEL REPROCESSING PLANT BEGAN COLD TEST OPERATION. SCIREP VISITED PLANT SEPT 3, RECEIVING VERY COMPLETE TOUR AND THOROUGH DESCRIPTION OF FACILITY AND PROCESS. ON SEPT 4 SCIREP MET WITH NAKAJIMA, DIRECTOR REPROCESSING DEPT, PNC, JUST AFTER TEST OPERATION INITATED.

2. NAKAJIMA DISCUSSED CONTRACT WITH FRENCH COVERING PURCHASE OF PLANT AND EMPHASIZED HEAVY DEPENDENCE OVER PAST TEN YEAR DESIGN, ENGINEERING AND CONSTRUCTION PERIOD UPON AEC AND CONTRACTOR DOCUMENTATION. NAKAJIMA DESCRIBED PNC CONTRACT WORK SCOPE WITH FRENCH AS COVERING RECEIPT OF FUEL, HEAD END PROCESS AND CHEMICAL PROCESSING THROUGH TAIL END PRODUCTION PLUTONIUM NITRATE AND URANIUM OXIDE. CONTRACT TERMINATES UPON COMPLETION HOT TEST RUNS IN ABOUT ONE YEAR, AND DOES NOT PROVIDE FOR CONVERSION PLUTONIUM TO OXIDE, CONVERSION URANIUM TO HEXAFLUORIDE, SOLIDIFICATION AND STORAGE OF HIGH OR MEDIUM LEVEL, RADIOACTIVE WASTE, KRYPTON 85 RECOVERY AND TORAGE OR REDUCTION IN RADIOACTIVITY LIQUID WASTE TO PERMIT SEA DISCHARGE.

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3. PNC WAS APPROACHED BY UNIREP SOME TIME AGO IN REGARD TO A 1500 MT PER YEAR FACILITY, BUT PNC UNENTHUSIASTIC ABOUT DOING BUSINESS WITH THEM AND QUESTIONS FUTURE OF ORGANIZATION. MOST INTERESTED IN ESTABLISHING STRONG CONTACT WITH ERDA ON REPROCESSING PLANT AND WASTE DISPOSAL MATTER ASSOCIATED WITH CURRENT PLANT. RECOGNIZES CLOSE RELATIONSHIP US REGULATORY AND LICENSING WITH BOTH US REPROCESSING TECHNOLOGY AND WITH JAPANESE REGULATORY DEFINITION.

4. CONVERSATION WAS ONLY AN OPENING EXPLORATORY DISCUSSION TO BE FOLLOWED BY MORE TALKS IN FUTURE.

5. SCIREP REQUESTS GUIDANCE ON CURRENT US REPROCESSING TECHNOLOGY EXPORT GUIDELINES AND ON DIRECTION FUTURE DISCUSSIONS WITH JAPANESE REPROCESSING PEOPLE SHOULD TAKE.
HODGSON

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Message Attributes

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Margaret P. Grafeld
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